STATUS DECISION OF CONTROLLED AND NON-CONTROLLED SUBSTANCE(S)

Substance: Piberaline

Based on the current information available to the Office of Controlled Substances, it appears that the above substance is:

- Controlled ☐
- Not Controlled X

under the schedules of the Controlled Drugs and Substances Act (CDSA) for the following reason(s):

- The substance is not structurally similar to any of those included in the CDSA.

Prepared by: _______________________________ Date: 16 April, 2012

Evelyn Soo

Verified by: _______________________________ Date: ________________

Mark Kozlowski

Approved by: _______________________________ Date: ________________

DIRECTOR, OFFICE OF CONTROLLED SUBSTANCES

This status was requested by: “third party information removed as per agreement with applicant”
Drug Status Report

**Drug:** Piberaline

**Drug Name Status:** Piberaline is the proper (INN) name.

**Chemical Name:** 1-(Phenylmethyl)-4-(2-pyridinylcarbonyl)-piperazine

**Other Names:** 1-Benzyl-4-picinoylpiperazine; 1-Benzyl-4-(2’-pyridinecarbonyl)piperazine; [4-(Phenylmethyl)piperazin-1-yl]-pyridin-2-ylmethanone; Trelibet; EGYT-475

**Chemical structure:**

![Chemical structure image]

**Molecular Formula:** C_{17}H_{19}N_{3}O  
**CAS-RN:** 39640-15-8

**Pharmacological class / Application:** Antidepressant

**International status:**

US: Piberaline is not listed in the Schedules to the US *Controlled Substances Act* (CSA) and is not mentioned anywhere on the DEA website.

United Nations: The substance is not listed on the Yellow List - List of Narcotic Drugs under International Control, the Green List - List of Psychotropic Substances under International Control, nor the Red List - List of Precursors and Chemicals Frequently Used in the Illicit Manufacture of Narcotic Drugs and Psychotropic Substances under International Control.

Canadian Status: Piberaline is not listed in the schedules to the CDSA. The substance is reportedly an antidepressive agent and is broken down in the body to form benzylpiperazine as one of its metabolites. Benzylpiperazine was recently added via a regulatory amendment to Schedule III to the CDSA as item 33 “Benzylpiperazine (BZP), namely 1-benzylpiperazine and its salts, isomers and salts of isomers”. The scheduling of benzylpiperazine, however, does not include its precursors. Piberaline also does not display structural similarity to any of the other substances listed in the schedules to the CDSA.

**Recommendation:** Piberaline is not included in the schedules to the CDSA and is not a controlled substance.

**Date:** April 16th, 2012.

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